

Phase I Medium MS4  
NPDES Permit No. GAS000XXX



**AUTHORIZATION TO DISCHARGE UNDER THE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

**Discharges From The**

**XXXXXXXXXXXX**

**Municipal Separate Storm Sewer System**

In compliance with the provisions of the Georgia Water Quality Control Act (Georgia Laws 1964, p. 416, as amended), hereinafter called the "State Act", the Federal Clean Water Act, as amended (33 U.S.C. 1251 et seq.), hereinafter called the "Clean Water Act", and the Rules and Regulations promulgated pursuant to each of these Acts, all new and existing stormwater point sources covered under this permit are authorized to discharge stormwater from this municipal separate storm sewer system to the waters of the State of Georgia in accordance with the limitations, monitoring requirements and other conditions set forth in Parts 1 through 5 and Appendix B hereof.

This permit shall become effective on ~~April 12, 2017.~~

This permit and the authorization to discharge shall expire at midnight, ~~April 11, 2022.~~

Signed this \_\_\_\_\_ day of \_\_\_\_\_ 2022.



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Director,  
Environmental Protection Division

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## PART 1. COVERAGE UNDER THIS PERMIT

### 1.1 Coverage

- 1.1.1 This permit covers all new and existing point source discharges of stormwater from the authorized municipal separate storm sewer system (MS4) to waters of the State of Georgia.
- 1.1.2 The permittee is liable for permit compliance and the implementation of the Storm~~w~~ Water Management Program (SWMP) for all point source discharges from the MS4 for which it is owner or operator.
- 1.1.3 Storm-water discharges regulated by other National Pollutant Discharge Elimination System (NPDES) permits that do not discharge to the MS4 are not covered by this permit (e.g. Publicly Owned Treatment Works and Combined Sewer System).
- 1.1.4 Discharges which are subject to regulation by other NPDES permits that discharge to waters of the State through the MS4 are still subject to those other NPDES permit requirements.
- 1.1.5 In order to continue coverage, the permittee must submit a permit application at least 180 days prior to the expiration date of the existing permit on a form provided by the Georgia Environmental Protection Division (EPD).

### 1.2 Definitions – See Appendix A

All terms used in this permit shall be interpreted in accordance with the definitions as set forth in the Georgia Water Quality Control Act, as amended, and the Federal Clean Water Act (CWA), as amended, unless otherwise defined in Appendix A.

## PART 2. CRITERIA FOR RECEIVING WATERS

### 2.1 Receiving Water Standards

The permittee shall implement controls to reduce pollutants to the maximum extent practicable (MEP) in discharges from the MS4 to the waters of the State so as to not cause the ~~following general~~ criteria to be exceeded in the receiving waters: per Rules 391-3-6-.03(5) (a)-(e). The numeric water quality standards in Rules 391-3-6-.03(5) (e)(i)-(e)(vii), (f), and (g) are not applicable.

~~All waters shall be free from materials associated with municipal or domestic sewage, industrial waste or any other waste which will settle to form sludge deposits that become putrescent, unsightly, or otherwise objectionable;~~

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~~2.1.2 All waters shall be free from oil, scum, and floating debris associated with municipal or domestic sewage, industrial waste or other discharges in amount sufficient to be unsightly or to interfere with legitimate water uses;~~

~~2.1.3 All waters shall be free from material related to municipal, industrial or other discharges which produce turbidity, color, odor, or other objectionable conditions which interfere with legitimate water uses;~~

~~2.1.4 All waters shall be free from turbidity which results in a substantial visual contrast in a water body due to a man-made activity. The upstream appearance of a body of water shall be as observed at a point immediately upstream of a turbidity-causing man-made activity. That upstream appearance shall be compared to a point which is located sufficiently downstream from the activity so as to provide an appropriate mixing zone. For land-disturbing activities, proper design, installation, and maintenance of best management practices (BMPs) and compliance with issued permits shall constitute compliance with this criteria.~~

~~All waters shall be free from toxic, corrosive, acidic and caustic substances discharged from municipalities, industries, or other sources, such as nonpoint sources, in amounts, concentrations, or combinations which are harmful to humans, animals or aquatic life.~~

### PART 3. STORM~~W~~-WATER MANAGEMENT PROGRAM

The permittee shall update, implement, and enforce a SWMP designed to reduce the discharge of pollutants from the MS4 to the maximum extent practicable, in order to protect water quality and to satisfy the appropriate water quality requirements of the State Act and Rules (391-3-6-.16). The SWMP must include management practices, control techniques and system design and engineering methods, and other provisions appropriate for the control of such pollutants. The SWMP shall be submitted within 180 days of the effective date of this permit. EPD will review and approve the SWMP. Regardless if the permittee's SWMP has been approved by EPD, the permittee must comply with the requirements of this Permit. The SWMP shall be considered as a supplement to the Permit containing the standard operating procedures, schedules, inspection forms, and other documents needed to support the implementation of Permit requirements. The permittee must utilize the procedures and other supplemental documents contained in the SWMP during the activities performed to attain Permit compliance. The SWMP shall be submitted for approval by EPD within 180 days of the date of issuanceeffective date of this permit. The SWMP and its amendments, upon approval by EPD, shall become a part of this permit.

#### 3.1 Legal Authority

The permittee must have adequate legal authority to control pollutant discharges into and from its MS4, and to meet the legal requirements of this permit.

#### 3.2 Sharing Responsibility

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The permittee may share implementation of one or more of the SWMP components with another entity, or the entity may assume full responsibility for that component. However, the permittee may rely on another entity only if:

- 3.2.1 The other entity is either implementing or will be implementing the SWMP component;
- 3.2.2 The particular component is at least as stringent as the corresponding permit requirement; and
- 3.2.3 The other entity agrees to implement the component on the permittee's behalf through a written agreement, memorandum of understanding, or other signed document that establishes the obligations of each party.

Written acceptance of this obligation is mandatory and must be maintained as a part of the SWMP. Conducting maintenance on a structure does not imply that the entity conducting the maintenance is the owner or operator of that structure. Even though the permittee may contract with another entity for component implementation, it is the permittee's responsibility to submit all Permit Applications, Annual Reports, Certification Statements, or any other information requested by EPD.

If the other entity fails to implement the component on the permittee's behalf, the permittee remains liable for any enforcement actions due to the failure to implement and/or report.

### 3.3 SWMP Components

The following information shall be used in developing and implementing the permittee's SWMP. The specific requirements can be found in Title 40 of the Code of Federal Regulations (CFR), Part 122.26. Each SWMP component must include a description of the activity, a measurable goal and how it will be measured and tracked, and a description of the documentation to be submitted in each annual report. A detailed description of the activities related to each requirement must be reported on the annual report form provided by EPD.

#### 3.3.1 Structural and Source Control Measures

The permittee must implement a program which incorporates structural and source control measures to reduce pollutants from runoff from commercial and residential areas that are discharged from the MS4 and includes a schedule for implementing the controls. At a minimum, the program must include the elements listed in Table 3.3.1 below and descriptions of how they are implemented:

**Table 3.3.1**

SWMP Component	Measurable Goals
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1. MS4 <del>Control</del> Structure Inventory and Map	<p>1.a. <del>Provide an inventory and map of MS4 control structures as defined in the SWMP with each annual report</del><u>Each reporting period, update the inventory and map of MS4 <del>control</del> structures.</u> At a minimum, the inventory and map must include catch basins, ditches (miles or linear feet), detention/retention ponds <u>and water quality vaults</u>, and storm drain lines (miles or linear feet).</p> <p>1.b. Provide the <u>updated inventory and map</u>, the number of MS4 <del>control</del> structures added <u>or deleted</u> during the reporting period, and the total number of structures in the inventory, in each annual report.</p>
2. MS4 Inspection and Maintenance Program	<p>2.a. Conduct inspections of the MS4 <del>control</del> structures so that 100% of the structures are inspected within the 5-year permit term. <del>All permittees must conduct at least one inspection per year.</del> <u>At a minimum, the permittee must conduct inspections on 5% of the total structures so that some inspections are performed during each reporting period, or if inspections are done by geographical area, then one entire area or sector must be inspected each reporting period. If a low percentage of inspections is conducted during one reporting period, then the permittee must increase the inspection frequency in subsequent reporting periods to ensure that 100% of the structures are inspected within a 5-year permit term.</u> The MS4 inspections shall be executed in accordance with the schedule contained in the SWMP. Provide the number and percentage of the total structures inspected, <u>and documentation of the inspections conducted</u>, during the reporting period in each annual report.</p> <p>2.b. Conduct maintenance on the MS4 <del>control</del> structures as needed. Provide the number and percentage of the total structures maintained, <u>and documentation of the maintenance activities conducted</u>, during the reporting period in each annual report.</p>
3. Planning Procedures	<p>3.a. Develop or update, as needed, a comprehensive planning document which addresses, in part, areas of new development and redevelopment to reduce pollutants in discharges from the MS4. Describe any changes made to the stormwater portion of the document during the reporting period in each annual report.</p>

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4. Street Maintenance	<p><u>4. Conduct street cleaning using either of the following methods:</u></p> <p><u>4.a. <del>Implement street maintenance and cleaning procedures specified in the SWMP. Documentation on activities conducted during the reporting period, such as litter removal, street sweeping, catch basin cleaning, deicing material removal, road repair, etc., must be submitted in each annual report. Report details such as the amount of litter removed, miles of street swept, etc., in each annual report. Conduct street maintenance and sweeping at a frequency of at least one mile per reporting period. Develop procedures and include the procedures in the SWMP. Provide documentation of street maintenance and sweeping activities conducted, including documentation of miles cleaned, during the reporting period in each annual report.</del></u></p> <p><u>4.b. <del>If the permittee does not engage in street sweeping, then implement an alternate method of street cleaning, such as trash/litter removal. This activity must be conducted at least once during the reporting period. Describe the procedures in the SWMP. Provide documentation of the litter removal activities conducted during the reporting period in each annual report.</del></u></p>
5. Flood Management Projects	<p><u>5.a. <del>Implement the procedures specified in the SWMP to</del> <del>e</del>Ensure <del>new</del><u>proposed</u> flood management projects (e.g., detention and retention basins) are assessed for water quality impacts during the <u>design phase</u>. <u>Describe the assessment procedures in the SWMP. Provide the number of plans reviewed where flood management projects were assessed for water quality impacts during the reporting period.</u> <del>Provide details</del> in each annual report.</u></p> <p><u>5.b. <del>Implement the procedures specified in the SWMP to</del> <del>ensure</del>Conduct an assessment, using the procedures described in the SWMP, of <u>existing</u> (i.e. those designed prior to the 2016 Georgia Stormwater Management Manual or an <u>equivalent local design manual</u>) <del>structural</del><u>permittee-owned</u> flood <del>control devices are evaluated during each reporting period</del><u>management projects</u> (e.g. detention and retention ponds) for <u>potential retrofitting to address water quality impacts and conduct any feasible retrofitting activities. If the permittee has more than 5 structures, then assess 100% within a 5-year permit term, with at least one structure assessed annually. If the permittee has fewer than 5 structures, then</u></u></p>

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	<p><u>assess 100% within a 5-year permit term. For those structures assessed, provide information on any assessment and/or retrofitting activities conducted during the reporting period in each annual report. If an assessment was previously performed on an existing flood management project using the 2016 GSMM, prior to the effective date of this permit, then an additional assessment does not need to be performed. For the previously assessed structures, provide documentation of the completed assessment and the status of any retrofitting activities during the first annual report submitted after the permit issuance date. In each subsequent annual report, provide a table listing the existing flood management structures, the date of assessment, the results of the assessment, and the status of any retrofitting activities. <del>to determine if retrofitting the devices for additional pollutant removal is feasible. Provide details in each annual report.</del></u></p>
6. Municipal Facilities Excluding Any Facilities Addressed in Section 3.3.3.	<p><u>76.a. Each reporting period, <del>Maintain and/or update</del> an inventory of municipal facilities with the potential to cause pollution (e.g. water treatment plants, wastewater plants &lt;1.0 MGD). The inventory should include any municipal facilities that are owned by the permittee but located within another jurisdiction. <del>and provide</del> the inventory in each annual report.</u></p> <p><u>76.b. Implement the program to control runoff from municipal facilities with the potential to cause pollution. The program shall include the facility inspection prioritization, inspection frequency, and inspection documentation protocol described in the SWMP. Conduct an inspection on 100% of the inventoried facilities within the 5-year permit term. All permittees must conduct at least 1 inspection per reporting period. For permittees with five or more municipal facilities included on the inventory, at a minimum, the permittee must conduct inspections on 5% of the municipal facilities annually, or if inspections are done by geographical area, then one entire area or sector must be inspected. The permittee must conduct a percentage of the inspections each year. Provide documentation of inspections and documentation of follow-up actions taken to address noncompliance issues in each annual report.</u></p>

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7. Pesticide, Fertilizer, and Herbicide Application	<p><u>87</u>.a. Utilize a program to reduce pollution by the application of pesticides, fertilizer, and herbicides by commercial applicators and distributors in accordance with the Georgia Department of Agriculture requirements.</p> <p><u>87</u>.b. Implement the program to reduce pollution caused by the municipal use of pesticides, fertilizer, and herbicides, as described in the SWMP. If municipal staff performs the application of pesticides, fertilizer, or herbicides, ensure they are certified by the Georgia Department of Agriculture. Provide documentation of program activities in each annual report.</p>
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### 3.3.2 Illicit Discharge Detection and Elimination Program (IDDE)

The permittee must implement and enforce a program to detect and eliminate illicit discharges and improper disposal of pollutants into the MS4. At a minimum, the program, described in the SWMP, must include the elements listed in Table 3.3.2 below and descriptions of how they are implemented:

**Table 3.3.2**

SWMP Component	Measurable Goals
1. Legal Authority	1.a. Re-evaluate and modify the existing IDDE ordinance when necessary for compliance with this permit. The permittee must ensure that the ordinance provides the authority to conduct inspections and monitoring, control illicit discharges and connections, and control illegal dumping and spills into the MS4. The ordinance must include the permittee's authority to take legal action to eliminate illicit discharges or connections. If the ordinance is revised during the reporting period, submit a copy of the adopted ordinance with the annual report.
2. Outfall Inventory/Map	<p>2.a. <u>Each reporting period, update</u> <del>Provide an updated</del>the inventory and <del>a</del> map showing the location of all outfalls from the MS4 and the names and location of all waters of the State that receive discharges from those outfalls <del>with each annual report</del>. <u>The map and inventory must be submitted with each annual report.</u></p> <p>2.b. Provide the number of outfalls added during the reporting period, and the total number of outfalls in the inventory, in each annual report.</p>

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<p>3. IDDE Plan</p>	<p>3. Implement the IDDE Plan <u>below, following procedures described in the SWMP</u>, to detect and address non-storm-water discharges to the MS4<del>-as described in the SWMP</del>. The components of the Plan are as follows:</p> <p>3.a. Conduct dry weather screening (DWS) inspections on 100% of total outfalls within the 5-year permit term, or use an alternative method approved by EPD<del>, in accordance with the procedures contained in the SWMP. For permittees with five or more outfalls included on the inventory, a</del>At a minimum, the permittee must conduct DWS inspections <u>or approved alternate method inspections</u> on 5% of the outfalls <del>annually</del><u>each reporting period</u>, or if inspections are done by a geographical area, then one area or sector must be inspected each<del>-year-</del><u>reporting period so that some inspections are performed each reporting period. If a low percentage of inspections is conducted during one reporting period, then the permittee must increase the inspection frequency in subsequent reporting periods to ensure that 100% of the outfalls are inspected within a 5-year permit term.</u></p> <p><u>If the permittee uses an alternate method approved by EPD to conduct inspections for illicit discharges, then the permittee must conduct at least one activity each reporting period. The permittee must complete 100% of the inspection activities within a 5-year permit term.</u></p> <p>If the permittee conducts stream walks of intermittent and perennial streams in conjunction with the DWS inspections, then 100% of the stream miles <u>containing or downstream of an MS4 outfall</u> must be inspected within the 5-year permit term. <u>At a minimum, the permittee must conduct stream walks on 5% of the stream miles <del>annually</del> in each reporting period</u>, or if walks are done by a geographical area, then streams within <del>on-an</del> area or sector must be walked each <del>year</del><u>reporting period, so that some stream miles are walked during each reporting period</u>. If the permittee conducts stream walks for a reason other than DWS, then the permittee does not need to walk a specific</p>
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	<p>number of miles; however, the permittee must document and report the number of stream miles walked, as well as the number of outfalls screened using each method (i.e., DWS, stream walks, alternate approved method). <u>In addition, the permittee may conduct both standard DWS of its outfalls and perform DWS during stream walks.</u> Provide the number and percentage of outfall inspections conducted during the reporting period and documentation of the inspections in each annual report.</p> <p>3.b. Implement investigative and follow-up procedures when the results of the screening indicate a potential illicit discharge, including the sampling and/or inspection procedures described in the SWMP. If the source of the illicit discharge is identified as deriving from an adjacent MS4, the permittee must notify that MS4. Provide information on illicit discharge detection activities performed to eliminate any identified illicit discharges during the reporting period in each annual report.</p> <p>3.c. Ensure any identified illicit discharges are eliminated. If necessary, implement the enforcement procedures described in the SWMP and in accordance with the Enforcement Response Plan (ERP) in Part 3.3.6 of this permit. Provide information on any enforcement actions taken for illicit discharges during the reporting period in each annual report.</p>
4. Spill Response Procedures	<p>4.a. Implement the procedures <u>described in the SWMP</u> to prevent, contain, and respond to spills that may discharge to the MS4 <del>described in the SWMP</del>. Provide details on spill occurrences during the reporting period in each annual report.</p>
5. Public Reporting Procedures	<p>5.a. Implement the procedures described in the SWMP to promote, publicize, and facilitate public reporting of illicit discharges. The permittee must perform at least one formal notification to the public of methods available to report an observed illicit discharge (e.g. website posting, newsletter, bill insert) at least <u>annually once each reporting period</u>. Provide <del>details</del><u>documentation</u> on any activities conducted during the reporting period in each annual report.</p>

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	5.b. Implement the procedures for receiving and responding to complaints related to illicit discharges described in the SWMP. Provide information on each complaint related to IDDE that was received and investigated during the reporting period, <u>including its status</u> , in each annual report, <del>including its status</del> .
6. Proper Management and Disposal of Used Oil and Toxic Materials	6.a. Implement the activities to facilitate the proper management and disposal of used oil and toxic materials <u>by the public</u> , including educational activities, household hazardous waste collection programs, etc., described in the SWMP. <u>The permittee must perform at least one activity to facilitate the proper management and disposal of used oil and toxic materials at least once each reporting period.</u> Provide details on any activities performed during the reporting period in each annual report.
7. Sanitary Sewer Infiltration Controls	7.a. If the permittee owns or operates the sanitary sewer system within its jurisdiction, implement the activities to detect and eliminate seepage and spillage from municipal sanitary sewers to the MS4 described in the SWMP. <u>The permittee must perform at least one activity to detect and eliminate seepage and spillage from municipal sanitary sewers to the MS4 at least once each reporting period.</u> Provide details on any activities performed during the reporting period in each annual report.

The following categories of non-stormwater discharges or flows must be addressed only if they are identified as significant contributors of pollutants to the MS4:

- water line flushing;
- landscape irrigation;
- diverted stream flows;
- rising ground waters;
- uncontaminated ground water infiltration (as defined in 40 CFR Part 35.2005(20));
- uncontaminated pumped ground water;
- discharges from potable water sources;
- foundation drains;
- air conditioning condensation;
- irrigation water;
- springs;
- water from crawl space pumps;

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- footing drains;
- lawn watering;
- individual residential car washing;
- flows from riparian habitats and wetlands;
- dechlorinated swimming pool discharges;
- street wash water; and
- flows from firefighting activities.

### 3.3.3 Industrial Facility Storm~~w~~-Water Discharge Control

The permittee must implement and enforce a program to monitor and control pollutants in stormwater discharges from industrial facilities into the MS4. At a minimum, the program must contain the elements listed in Table 3.3.3 below and descriptions of how they are implemented:

**Table 3.3.3**

SWMP Component	Measurable Goals
1. Industrial Facility Inventory	1.a. <del>Maintain and</del> <u>Each reporting period</u> , update <del>an</del> <u>the</u> inventory of facilities with industrial activities that potentially discharge to the MS4. At a minimum, this shall include facilities <u>covered under listed on</u> EPD's Industrial Storm <del>w</del> -Water General Permit (IGP). <u>To find information about facilities covered under the IGP, the permittee should, at a minimum, review the list of industrial facilities on EPD's website (<a href="https://epd.georgia.gov/forms-permits/watershed-protection-branch-forms-permits/storm-water-forms/npdes-industrial-storm">https://epd.georgia.gov/forms-permits/watershed-protection-branch-forms-permits/storm-water-forms/npdes-industrial-storm</a>) at least once each reporting period to update the inventory. Notice of Intent (NOI) and No Exposure Exclusion (NEE) online listings.</u> Provide an updated inventory in each annual report.
2. Inspection Program	2.a. Implement the industrial facility inspection program which includes the facility inspection prioritization, inspection frequency, and inspection documentation protocol described in the SWMP. Conduct inspections on 100% of the inventoried facilities that discharge to the MS4 within the 5-year permit term. <u>The permittee must conduct at least one facility inspection each year.</u> For permittees with five or more industrial facilities included on the inventory, at a minimum, the permittee must conduct inspections on 5% of the industrial facilities on the inventory <u>annually each</u>

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	<p><u>reporting period</u>, or if inspections are done by geographical area, then one area or sector must be inspected each <del>year</del> <u>reporting period so that some inspections are performed during each reporting period</u>. If a low percentage of inspections is conducted during one reporting period, then the permittee must increase the inspection frequency in subsequent reporting periods to ensure that <u>100% of the facilities are inspected within the 5-year permit term</u>. Provide the total number of facilities, <del>and</del> the number and percentage of inspections conducted during the reporting period, and documentation of the inspections in each annual report.</p> <p>2.b. Implement a monitoring program for stormwater runoff from industrial facilities, waste facilities, hazardous waste treatment, storage and disposal facilities, as defined in the SWMP. Provide the results of any monitoring conducted during the reporting period in each annual report. <u>The permittee may use monitoring results provided by the industrial facility and shall identify them as such</u>. This shall include all facilities that the permittee determines are contributing a substantial pollutant loading to the MS4.</p>
3. Enforcement Procedures	<p>3.a. Implement the enforcement procedures described in the SWMP and in accordance with the ERP in Part 3.3.6 of this permit if a stormwater violation is noted at an industrial facility that discharges to the MS4. Provide documentation on any enforcement actions taken during the reporting period in each annual report.</p>
4. Educational Activities	<p>4.a. <del>Implement educational activities for industrial facilities (e.g. brochure distribution, website posting) during the reporting period.</del> <u>Conduct an educational activity related to industrial facilities (e.g. brochure distribution, website posting) at least once each reporting period.</u> Provide <del>details</del> <u>documentation</u> of any educational activities performed during the reporting period in each annual report.</p>

#### 3.3.4 Construction Site Management

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The permittee must implement and enforce a program to maintain structural and/or non-structural BMPs to reduce pollutants in stormwater runoff from construction sites to the MS4 as defined in the SWMP. At a minimum, the program must contain the elements listed in Table 3.3.4 below and descriptions of how they are implemented:

**Table 3.3.4**

SWMP Component	Measurable Goals
1. Legal Authority	1.a. Re-evaluate and modify the existing Erosion and Sedimentation (E&S) ordinance when necessary for compliance with this permit. The permittee must ensure that the E&S ordinance provides the authority to issue land disturbing activity permits; require <u>BMPsbest management practices</u> to prevent and minimize E&S; require erosion, sedimentation and pollution control plan submission and review prior to commencing construction; conduct inspections and enforcement, including stop work orders, bond forfeiture, and monetary penalties; and require education and certification for persons involved in land development, design, review permitting, construction, monitoring, inspection and other land disturbing activities. If the E&S ordinance is revised during the reporting period, submit a copy of the adopted ordinance in the annual report.
2. Site Plan Review Procedures	2.a. <u>Ensure that 100% of theall Erosion Sedimentation Pollution Control Plans (ESPCP) for those projects requiring a Land Disturbance Activity (LDA) permit are reviewed, unless specifically exempted by the Georgia Erosion &amp; Sedimentation Act, -site plans are reviewed in accordance with Implement the site plan review procedures described in the SWMP. If the permittee is not a Local Issuing Authority (LIA), then the procedures should state that the activity is implemented by EPD.</u>  2.b. Provide a list of the site plans received and the number of plans reviewed, approved, or denied during the reporting period in each annual report. <u>If the permittee is not an LIA, explain in the annual report that the activity is implemented by EPD.</u>

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	2.c. Provide <del>the number</del> <u>a list or table</u> of <del>Land Disturbance Activity (LDA)</del> permits issued during the reporting period in each annual report.
3. Inspection Program	<p>3.a. Implement the construction site inspection program. <u>The purpose of the inspections is</u> to ensure that structural and non-structural BMPs at construction sites are properly designed and maintained as specified in the Construction General Permits (CGPs).</p> <p>3.b. The construction site inspection program shall include the facility inspection prioritization, inspection frequency, and inspection documentation protocol described in the SWMP or in accordance with the Manual for Erosion and Sediment Control in Georgia. <u>At a minimum, the permittee must conduct at least one inspection at each active construction site during the reporting period. If the permittee is not an LIA, then the procedures should state that the activity is implemented by EPD.</u></p> <p>3.c. Provide <del>the number</del> <u>a list or table</u> of active sites and the number <u>and dates</u> of inspections conducted <u>by the permittee on each of the sites</u> during the <del>previous</del> reporting period in each annual report. <u>If the permittee is not an LIA, explain in the annual report that the activity is implemented by EPD.</u></p>
4. Enforcement Procedures	4.a. Implement enforcement procedures for <u>100% of the</u> E&S violations documented at construction sites <del>during the reporting period</del> as described in the SWMP and in accordance with the ERP in Part 3.3.6 of this permit. Provide documentation on any enforcement actions taken during the reporting period in each annual report, including the number and type (Notice of Violation, Stop Work Order, etc.) <u>and amount of any assessed penalties. If the permittee is not an LIA, explain in the procedures and the annual report that the activity is implemented by EPD.</u>
5. <u>Educational/Training Activities</u> <u>Certification</u>	5.a. All builders, developers, contractors, and other entities involved in construction activities subject to the CGPs shall comply with the certification requirements of the Georgia Erosion and Sedimentation Act and the rules adopted by the

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	<p>Georgia Soil and Water Conservation Commission.</p> <p>Ensure that MS4 staff involved in construction activities subject to the CGPs are trained and certified in accordance with the rules adopted by the Georgia Soil and Water Conservation Commission. Provide <del>the number and typed</del><u>documentation</u> of current certification in each annual report. <u>If the permittee is not an LIA, explain in the annual report that the activity is implemented by EPD.</u></p>
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### 3.3.5 Highly Visible Pollutant Sources (HVPS)

The permittee must implement and enforce a program to control pollutants in stormwater runoff from HVPS facilities into the MS4. At a minimum, the program must contain the elements listed in Table 3.3.5 below and descriptions of how they are implemented:

**Table 3.3.5**

SWMP Component	Measurable Goals
1. HVPS Facility Inventory	1.a. <del>Maintain and/or</del> <u>Each reporting period</u> , update <del>an</del> <u>the</u> inventory for HVPS facilities that discharge to the MS4. <del>The inventory include any municipal facilities with the potential to cause pollution that are owned by another municipality, permittee but located within the permittees jurisdiction (e.g., water treatment plants, wastewater treatment facilities, etc.).</del> Provide an updated inventory in each annual report.
2. Inspection Program	2.a. Implement the HVPS facility inspection program which includes the facility inspection prioritization, inspection frequency, and inspection documentation protocol described in the SWMP. Conduct inspections on 100% of inventoried facilities <del>that discharge to the MS4</del> during the 5-year permit term. <u>Conduct at least one facility inspection each reporting period.</u> For permittees with five or more HVPS facilities included on the inventory, at a minimum, the permittee must conduct inspections on 5% of the <del>structures</del> <u>annually facilities each reporting period</u> , or if the inspections are done by geographical area, then

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	one area or sector must be inspected each <del>year</del> <u>reporting period</u> . <u>If a low percentage of inspections is conducted during one reporting period, then the permittee must increase the inspection frequency in subsequent reporting periods to ensure that 100% of the HVPS facilities are inspected within the 5-year permit term.</u> Provide the total number of facilities, <del>and</del> the number and percentage of inspections conducted during the reporting period, and documentation in each annual report.
3. Enforcement Procedures	3.a. Implement enforcement procedures to be utilized if a stormwater violation is noted at an HVPS facility that discharges to the MS4 as described in the SWMP and in accordance with the ERP in Part 3.3.6 of this permit. Provide documentation on any enforcement actions taken at HVPS facilities during the reporting period in each annual report.
4. Educational Activities	4.a. <del>Implement educational activities for HVPS facilities (e.g. brochure distribution, website posting) during the reporting period.</del> <u>Conduct an educational activity related to HVPS facilities (e.g. brochure distribution, website posting) at least once each reporting period.</u> Provide <del>details</del> <u>documentation</u> of any educational activities performed during the reporting period in each annual report.

### 3.3.6 Enforcement Response Plan (ERP)

The permittee must develop and implement an ERP that describes the action to be taken for violations associated with the IDDE, construction, industrial, HVPS, and other SWMP programs. The ERP will detail the permittee's responses to any noted storm-water violations, including escalating enforcement responses to address repeat and continuing violations. The ERP must detail:

- Names of ordinances providing the legal authority to undertake enforcement, including citation of specific ordinance sections;
- Types of enforcement mechanisms available, for ~~For~~ each area (IDDE, construction, industrial, HVPS, etc.). The ERP ~~should~~ must list the enforcement actions that the permittee has the authority to use, including such actions as:
  - verbal warnings;
  - written notice of violations;
  - citations (with fines);

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- stop work orders;
  - withholding plan approval or other authorizations; and
  - order of cessation or elimination of discharge;
  - referral for judicial action/enforcement; and
  - any other available enforcement mechanisms.
- Description of when each enforcement mechanism will be employed, including the path of escalation;
- Time frames for each step, including investigation of noncompliance, sequence and use of enforcement mechanisms, corrective action by responsible party, re-inspection of site, etc.
- Description of the methods to be used to track, either manually or electronically, instances of noncompliance, including such items as:
  - name of owner/operator of facility and/or the location or address;
  - type of site (IDDE, construction, industrial, HVPS, etc.);
  - description of noncompliance;
  - description of enforcement action(s) used;
  - time frames for each step (e.g. investigation, corrective action, re-inspection);
  - documentation of inspection and enforcement actions taken;
  - documentation of any penalties assessed;
  - documentation of referral to other departments or agencies; and
  - date of violation resolution.

The ERP must be reviewed annually each reporting period and revised as necessary. If revised during the reporting period, submit the ERP to EPD for review. The ERP must be implemented within six (6) months of EPD approval. Once approved, the ERP is will become an addendum to the permittee's SWMP.

### 3.3.7 Impaired Waterbodies

The permittee must identify any impaired waterbodies located within its jurisdictional area, using the latest approved Georgia 305(b)/303(d) List of Waters (<http://www.epd.georgia.gov/georgia-305b303d-list-documents>), which contain MS4 outfalls or are within one (1) linear mile downstream of MS4 outfalls and within the same watershed. Also, the pollutant(s) of concern must be identified. For those impaired waters, the permittee shall propose an Impaired Waters Plan (IWP) monitoring and implementation plan (Plan) addressing each pollutant of concern. The permittee must check annually whether an impaired waterbody, within its jurisdiction, has been added to the latest 305(b)/303(d) list. Newly listed waterbodies must be addressed in the Plan IWP and the SWMP must be revised accordingly. The permittee must report on all monitoring activities submit a modified IWP for any newly listed waters in subsequent annual reports. If a Total Maximum Daily Load (TMDL) containing a wasteload allocation specific to one or more of the permittee's outfalls is approved, then the wasteload allocation must be incorporated into the SWMP. All previous, and newly approved, or amended TMDLs within the jurisdictional areas must be included in either the proposed Plan IWP or a revision to the existing Plan IWP. For those waters currently impaired for fecal coliform bacteria, upon EPA approval of an E. coli or enterococci standard and EPD notification to the permittee, then the permittee will be required to revise the IWP and begin sampling for E. coli and/or enterococci in place of fecal coliform bacteria.

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The ~~Plan~~IWP shall include:

- Sample location, whether samples are collected instream (i.e., upstream and downstream), from outfalls during wet weather events, or a combination of both locations. Bacteriological samples must be collected instream. If the permittee chooses to conduct outfall sampling and there are multiple outfalls located on an impaired waterbody, then the permittee may choose representative outfalls for sampling in place of sampling all outfalls;
- Sample type, frequency, and any seasonal considerations;
- Implementation schedule to start monitoring for each pollutant of concern;
- Map showing the location of the impaired waterbodies, the monitoring location, and all identified MS4 outfalls located on the impaired waterbodies or occurring within one linear mile upstream of the waterbodies, or a schedule for confirming the location of these outfalls; and
- Description of proposed BMPs to be used to control and reduce the pollutants of concern and a schedule for implementation of these BMPs.

Waters requiring bacteriological monitoring:

Permittees with a population less than 10,000 at the time of permit issuance are exempt from this requirement. For those permittees with a population equal to or exceeding 10,000 at the time of this permit issuance (see Appendix B), the permittee must comply with the following:

- For those waters impaired for bacteria, the permittee must collect four geometric means during the reporting period (16 samples total). Each geometric mean must consist of four grab samples collected during a 30-day period, without regards to weather. Two of the geometric means must be collected during May-October and two must be collected during November-April.
- The samples must be collected and the four geometric means calculated each year for the permit term. In the event that two years of data demonstrate that the level of bacteria is consistently below numeric criteria, then the permittee must prepare a Sampling Quality and Assurance Plan (SQAP). The SQAP must be submitted to EPD for approval.
- In the event the monitoring is performed in accordance with an EPD-approved SQAP, then the results must be submitted in the annual report, but also submitted separately to EPD's Watershed Monitoring Program. EPD will use the permittee's data, along with data obtained from other sources, to evaluate the possible removal of the waterbody from the 303(d) list.

A permittee can voluntarily prepare a SQAP at any time. Sampling conducted in accordance with a SQAP may result in a water being removed from the 303(d) list of impaired waters. #When the water is delisted, then monitoring conducted under the IWP may cease.

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Following review and comment on the ~~Plan IWP~~ by EPD, the permittee will incorporate necessary revisions into the ~~Plan IWP~~. For those waters where the permittee is conducting monitoring, the data must be made available to other MS4 permittees upon request.

Each Annual Report shall include:

- All monitoring data collected during the reporting period;
- An assessment of the data trends over time for each pollutant of concern. The assessment shall initially include a characterization of baseline conditions. The data assessment should include a written evaluation on whether water quality is improving, declining, fluctuating, or remaining constant (~~e.g. line graphs~~). This assessment can be provided in the method chosen by the permittee (e.g. line graph, narrative text, combination of both). If monitoring identifies that an upstream MS4 is the source of the pollutant of concern, then the permittee must notify the immediately ~~adjacent~~upstream MS4.
- An assessment to determine the effectiveness of the BMPs employed and what, if any, additional adaptive BMP measures may be necessary to return the water~~body~~ to compliance with State water quality standards. If BMP revisions and/or additional BMPs are necessary, then the revised ~~Plan IWP~~ must be submitted to EPD for review.

~~For those waterbodies where the permittee is conducting monitoring, the data must be made available to other MS4 permittees upon request. In the event that monitoring is performed in accordance with an EPD-approved Sampling Quality and Assurance Plan, and a waterbody is removed from the 303(d) list of impaired waterbodies, then monitoring conducted under the Plan may cease. Monitoring for the purposes of de-listing an impaired waterbody will benefit the permittee through reduced expenses associated with long-term testing.~~

### 3.3.8 Municipal Employee Training

The permittee must ~~conduct~~provide for stormwater-related training for its employees at least ~~annually~~once each reporting period. The SWMP should include a description of the training program to be implemented, including the employee categories to be trained, the methods for providing the training, the topics to be addressed, and the documentation to be provided (e.g. sign-in sheets, photographs, etc.). The training should address such stormwater topics as are necessary for the employee to do his/her job, such as the inspection and maintenance of the MS4, good housekeeping practices at municipal facilities, illicit discharge detection and elimination, industrial facility inspections, construction site inspections, highly visible pollutant source inspections, green infrastructure and low impact development (GI/LID) training, and runoff reduction/quality training, etc. The permittee may train additional staff using various methods and addressing new topics, other than that specified in the training program submitted as part of the SWMP, as long as the training is stormwater related. Documentation must include the training topic(s), date(s), and attendees and must be provided in each annual report.

### 3.3.9 Public Education

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Conduct a public education program that addresses water quality issues and the protection of water resources and encourages the use of green infrastructure/low impact development (GI/LID). The program should consider ~~topics~~, such ~~things~~ as litter control, illicit discharges, household hazardous waste disposal, residential pesticide, fertilizer, and herbicide application, pet wastes, fats, oils and grease, and GI/LID techniques. ~~If the permittee participates in an existing regional program, then the annual report should summarize the activities performed during the reporting period. The permittee must implement its own public education program, with a minimum of three separate public education activities. The proposed program must be described in the SWMP, including a description of the activity, the frequency of the activity, and the method that will be used to document the activity. Documentation of educational activities conducted during the reporting period must be provided in each annual report. If the permittee has a website, the SWMP, as well as any updates, must be posted on the website.~~

For those permittees with a population less than 10,000 at the time of the permit issuance, the public education program must contain a minimum of three activities. For those permittees with a population greater than 10,000 at the time of this permit issuance, the public education program must contain a minimum of four activities.

~~Public education materials are available on numerous websites, including these suggested sites: U.S. EPA ([www.epa.gov](http://www.epa.gov)), Clean Water Campaign ([www.cleanwatercampaign.com](http://www.cleanwatercampaign.com)) and Center for Watershed Protection ([www.cwp.org](http://www.cwp.org)).~~

<u>SWMP Component</u>	<u>Measurable Goal</u>
<u>1. Public Education Program</u>	<u>1.a. Evaluate your existing program to ensure that it meets the needs of your community. Implement, and revised, if necessary, the stormwater education program described in the SWMP. The Public Education Program must include activities chosen from the following list, or other activities proposed for EPD approval:</u> <ul style="list-style-type: none"><li><u>• School presentations;</u></li><li><u>• Brochures placed in public places;</u></li><li><u>• Municipal website;</u></li><li><u>• Presentations to government officials;</u></li><li><u>• Newsletter;</u></li><li><u>• Utility Bill Insert;</u></li><li><u>• Ongoing social media program;</u></li><li><u>• Promotional items/giveaways;</u></li><li><u>• Booth at community event;</u></li><li><u>• Local access channel educational postings.</u></li></ul>

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	<p><u>1.b. The measurable goal must be specified for each type of activity. Each activity must be executed at least once during each reporting period. The number of activities conducted must be in accordance with the applicable population size.</u></p> <p><u>1.c. Details and documentation on each type of activity implementation must be provided in each annual report.</u></p>
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Public education materials are available on numerous websites, including these suggested sites: U.S. EPA ([www.epa.gov](http://www.epa.gov)), Clean Water Campaign ([www.cleanwatercampaign.org](http://www.cleanwatercampaign.org)) and Center for Watershed Protection ([www.cwp.org](http://www.cwp.org)).

### 3.3.10 Public Involvement

Conduct a public involvement program that creates opportunities for citizens to participate in the SWMP. This can include involving the public in planning and implementation of activities. ~~These activities can include such things as Adopt-A-Stream, Adopt-A-Road, Rivers Alive, stormdrain stenciling, etc. The proposed program must be described in the SWMP and the activities conducted during the reporting period must be documented in the Annual Report. Consider posting the SWMP on the permittee's website, where feasible.~~

For those permittees with a population less than 10,000 at the time of permit issuance, the public involvement program must contain a minimum of three activities. For those permittees with a population greater than 10,000 at the time of permit issuances, the public involvement program must contain a minimum of four activities.

<u>SWMP Component</u>	<u>Measurable Goal</u>
<u>1. Public Involvement Program</u>	<p><u>1.a Evaluate your existing program to ensure that it meets the needs of your community. Implement, and revise, if necessary, the public involvement program described in the SWMP. The Public Involvement Program must include activities chosen from the following list, or other activities proposed for EPD approval:</u></p> <ul style="list-style-type: none"> <li><u>• Stream cleanup (e.g. Rivers Alive);</u></li> <li><u>• Great American Cleanup;</u></li> <li><u>• Citizen hotline;</u></li> <li><u>• Citizen science/volunteer monitoring (e.g. Adopt-A-Stream);</u></li> <li><u>• Adopt-A-Road;</u></li> </ul>

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	<ul style="list-style-type: none"> <li>• <u>Storm drain marking;</u></li> <li>• <u>Household hazardous waste disposal event;</u></li> <li>• <u>Recycling event;</u></li> <li>• <u>Local stormwater management panel;</u></li> <li>• <u>Comprehensive planning committees;</u></li> <li>• <u>Stakeholder Advisory committees;<sup>2</sup></u></li> <li>• <u>Pet waste stations.</u></li> </ul> <p><u>1.b The measurable goal must be specified for each type of activity. Each activity must be executed at least once during each reporting period. The number of activities conducted must be in accordance with the applicable population size.</u></p> <p><u>1.c Details and documentation of each type of activity implemented<del>ation</del> must be provided in each annual report.</u></p>
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### 3.3.11 Post-Construction

#### 3.3.11(a) Post-Construction Stormwater Controls

##### 3.3.11(a)(1) Ordinance Review

The permittee must adopt ordinances, or update existing ordinances, when necessary for compliance with this permit, to address development and redevelopment, and enforcement of post-construction controls. The ordinance must provide the authority to conduct plan reviews, conduct inspections, enter into inspection and maintenance agreements, and pursue enforcement. If the ordinance is revised during the reporting period, submit a copy of the adopted ordinance with the annual report.

The ordinance revisions must include the adoption and implementation of the applicable parts of either the latest version of the Georgia Stormwater Management Manual (GSMM) (<https://www.atlantaregional.org/natural-resources/water/georgia-stormwater-management-manual/>) or an equivalent or more stringent local design manual, which must meet or exceed the performance standards listed in Section 3.3.11(a)(2). For Chatham County and the permittees located within Chatham County, the adopted manual shall include the Coastal Stormwater Supplement (CSS) to the GSMM. All permittees must implement the GSMM, ~~and/or~~ the CSS, and/or an equivalent or more stringent local design manual to the maximum extent practicable. ~~The permittee must provide documentation to~~

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~~EPD in the 2016-2017 annual report to demonstrate the date of adoption of the appropriate design manual(s).~~

### 3.3.11(a)(2) Performance Standards

At a minimum, the permittee shall apply the standards for new development and redevelopment to any site that meets one or more of the following criteria:

- New development that creates or adds 5,000 square feet or greater of new impervious surface area, or that involves land disturbing activity of 1 acre of land or greater.
- Redevelopment that creates or adds or replaces 5,000 square feet or greater of impervious surface area, or that involves land disturbing activity of 1 acre or more, including projects less than one acre if they are part of a larger common plan of development or sale.

For sites meeting the above criteria, the permittee shall ensure that the following minimum standards are considered during the site plan preparation process:

#### Stormwater Runoff Quality/Reduction

~~All s~~Stormwater runoff shall be retained onsite or adequately treated prior to discharge. ~~Until April 12, 2020, stormwater runoff shall be treated through one of the following two approaches:~~

~~a)~~—The stormwater management system shall be designed to retain the first 1.0 inch of rainfall on the site, to the maximum extent practicable. ~~The MEP applicability can be determined by the MS4 using criteria they establish, such as the feasibility criteria in the GSMM. The determination by the permittee that it is infeasible to apply the stormwater runoff quality/reduction standard, on part or all of a project, must be documented with the site plan review documents.~~ If the first 1.0 inch of rainfall can be retained onsite using runoff reduction methods, then additional water quality treatment is not required. If the first 1.0 inch cannot be retained onsite, the remaining runoff from a 1.2 inch rainfall event must be treated to remove at least 80% of the calculated average annual post-development total suspended solids (TSS) load or equivalent as defined in the GSMM or in the equivalent manual. ~~Or~~

For those permittees located in Chatham County and subject to the CSS, stormwater runoff shall be retained onsite or adequately treated prior to discharge. As identified in the CSS, reducing the runoff generated by 1.2 inches of rainfall is a reasonable initial target. If that target cannot be met, the permittee must ensure that adequate documentation is provided to show that no additional runoff reducing green infrastructure practices can be used on the development site. At a minimum, appropriate green infrastructure practices must be used to reduce the stormwater runoff volume generated by the 0.6 inch rainfall event (and the first 0.6 inches of all larger rainfall events). Any of the stormwater runoff generated by the 1.2 inch storm event (and the first 1.2 inches of all larger rainfall events) that is not reduced on the development site shall be intercepted and treated in one or more stormwater

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management practices that provide at least an 80 percent reduction in total suspended solids loads and that reduce nitrogen and bacteria loads to the maximum extent practicable. ~~Or~~

~~b) The stormwater management system shall be designed to remove 80% of the average annual post-development total suspended solids (TSS) load or equivalent as defined in the GSMM or in the equivalent manual. Compliance with this performance standard is presumed to be met if the stormwater management system is sized to capture and treat the water quality treatment volume, which is defined as the runoff volume resulting from the first 1.2 inches of rainfall from a site.~~

~~No later than April 12, 2020, all permittees should have transitioned to exclusively using approach (a) to achieve compliance with this performance standard. This timeframe is to allow sufficient study, training, and planning on the part of the municipality. All site plan reviewers, construction site operators, and other personnel whose duties involve post-construction stormwater runoff are encouraged to receive training in the new GSMM and the runoff quality/reduction standard during this implementation phase. Pilot projects, advisory committees, and other programs intended to study and implement the runoff quality/reduction requirement are recommended.~~

#### Stream Channel/Aquatic Resource Protection

Stream channel and/or aquatic resource protection shall be provided by using the following approaches: 1) 24-hour extended detention storage of the 1-year, 24-hour return frequency storm event; 2) erosion prevention measures such as energy dissipation and velocity control; and 3) preservation of the applicable stream buffer.

#### Overbank Flood Protection

Downstream overbank flood protection shall be provided by controlling the post-development peak discharge rate to the predevelopment rate for the 25-year, 24-hour storm event.

#### Extreme Flood Protection

Extreme flood protection shall be provided by controlling the 100-year, 24-hour storm event such that flooding is not exacerbated.

#### Trout Stream Protection

For receiving waters with a trout stream designation, which contain outfalls from the permittee's MS4, the permittee must address the protection of the trout waters from impacts from the MS4 outfalls due to elevated temperature, as described in the SWMP.

#### 3.3.11(a)(3) Linear Transportation Projects

The permittee must apply the performance standards listed in Part 3.3.11(a)(2) above during the design of all construction projects. However, the ~~permittee may be unable to apply the~~ performance standards may be infeasible to apply, all or in part, for linear

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transportation projects being constructed by the permittee, local governments, or authorities. The permittee may develop a feasibility program which sets reasonable criteria for determining when implementing the performance standards in linear projects is infeasible. The permittee may develop this feasibility program and submit it to EPD for review and approval. Upon submittal to EPD, the permittee, local governments, and authorities may begin implementation of this feasibility program for linear transportation projects only.

### 3.3.11-(b) Green Infrastructure/Low Impact Development (GI/LID)

The permittee must implement a program to address GI/LID post-construction runoff.- At a minimum, the program must address the elements listed in Table 3.3.11(b)(2) below and include descriptions of how they are implemented:

**Table 3.3.11(b)(2)**

GI/LID Program Elements	Measurable Goals
1. Legal Authority	<p>1.a. <u>Each reporting period</u>, the permittee shall <del>continue to</del> review and revise, where necessary, building codes, ordinances, and other regulations to ensure they do not prohibit or impede the use of GI/LID practices, including infiltration, reuse, and evapotranspiration. At a minimum, the permittee shall assess those regulations governing residential and commercial development, road design, land use, and parking requirements. During the regulatory review, the permittee should consider the inclusion of incentives for use of GI/LID practices into the ordinance. <u>Provide documentation of the regulatory review with each annual report.</u></p> <p><u>1.b</u> If the ordinance(s) are revised during the reporting period, submit a copy of the adopted ordinance(s) with the annual report.</p>
2. GI/LID Program	<p>2.a. Implement the GI/LID program approved by EPD. The <u>GI/LID</u> program shall include procedures for evaluating the feasibility and site applicability of different GI/LID techniques and practices, and various structures and practices to be considered. If the program is revised during the reporting period, submit the revised program to EPD for review with the annual report.</p>
3. GI/LID Structure Inventory	<p>3.a. <u>Each reporting period, update the inventory of water quality GI/LID structures located within the permittee's jurisdiction (e.g. bioswales, pervious pavement, rain gardens). The inventory must, at a</u></p>

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	<p><u>minimum, include all permittee-owned GI/LID structures, and those publicly-owned structures owned by other entities (e.g. Board of Education and other entities that are not covered by an MS4 permit and that the permittee has legal authority to inspect), and privately-owned non-residential GI/LID structures (e.g. mixed use development, commercial) constructed after the effective date of this permit. <del>the total number of each type of structure annually.</del> Track the addition of new water quality-related GI/LID structures through the plan review process, <del>and ensure the structures are added to the inventory, and ensure that maintenance agreements are executed for all non-permittee-owned structures constructed after the effective date of this permit.</del></u></p> <p><u>3.b</u> Provide an updated inventory, including the type, <u>the ownership</u>, and the total number of structures, in each annual report.</p>
4. Inspection <u>and Maintenance</u> Program	<p>4.a. Conduct inspections <del>and/or ensure that inspections are conducted</del> on 100% of the <del>total privately owned non-residential (e.g. mixed use development, commercial, etc.) and permittee-owned</del> GI/LID structures <u>included in the inventory in 3. above</u> within the 5-year permit term. <u>If there are less than five GI/LID structures on the inventory, then the permittee must conduct at least one inspection during the reporting period.</u> For permittees with five or more GI/LID structures included on the inventory, at a minimum, the permittee must conduct inspections on 5% of the structures each reporting period, or if inspections are done by geographical area, then one entire area or sector must be inspected each reporting period. <u>If a low percentage of inspections is conducted during one reporting period, then the permittee must increase the inspection frequency in subsequent reporting periods to ensure that 100% of the GI/LID structures are inspected within the 5-year permit term.</u> Provide the number and percentage of the total structures inspected <u>and documentation of the inspections conducted</u> during the reporting period in each annual report.</p> <p>4.b. Conduct maintenance on the <u>permittee-owned</u> GI/LID structures <del>owned by the permittee</del>, as needed. Provide the number <del>and/or percentage of</del> the total structures maintained <u>and documentation of</u></p>

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	<p><u>the maintenance performed</u> during the reporting period in each annual report.</p> <p>4.c. Implement procedures for ensuring <u>publicly-owned structures owned by other entities and privately-owned non-residential GI/LID structures</u> are maintained as needed. <u>The permittee must retain copies of maintenance agreements finalized after the effective date of this permit and develop a summary list of these agreements. If the permittee has obtained maintenance agreements for structures constructed prior to the effective date of this permit, then these agreements should also be included on the summary list. Update the summary list as new maintenance agreements are executed. Provide an updated summary list and documentation of theseany activities taken to ensure maintenance of these structures (e.g. letters to owners, enforcement actions)</u> in each annual report.</p>
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Design information on GI/LID practices can be found on the Atlanta Regional Commission's website (<http://www.atlantaregional.com/>) for the GSMM and the CSS to the GSMM. Additional information on green infrastructure and better site design can be found on numerous websites, including these suggested sites: U.S. EPA ([www.epa.gov](http://www.epa.gov)), Center for Watershed Protection ([www.cwp.org](http://www.cwp.org)), Georgia Coastal Resource Division's "Georgia's Green Growth Guidelines" (<https://coastalgadnr.org/GGG>), and Green Infrastructure Center ([www.gicinc.org](http://www.gicinc.org)). In addition, you may want to consult the following webpage on EPA's website: [www.epa.gov/nps/lid](http://www.epa.gov/nps/lid).

### 3.4 Program Amendments

EPD may require a revision of the SWMP at any time it is deemed necessary by the Director to comply with the goals and requirements of the State Act, but specifically for any of the following reasons:

- 3.4.1 A change has occurred which will significantly impact the potential for the discharge of pollutants to the waters of the State of Georgia;
- 3.4.2 The permittee's program proves ineffective in controlling pollutants from the MS4 to the ~~MEP~~maximum extent practicable;
- 3.4.3 An adverse impact to water quality has been documented as a result of discharges from the MS4; or
- 3.4.4 To include more stringent requirements necessary to comply with new State or Federal statutory or regulatory requirements.

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The Director shall notify the permittee of the required modifications in writing and set forth a schedule for the permittee to develop and implement the modified SWMP. The permittee may propose alternative SWMP modifications to EPD.

### 3.5 Program Approval

The SWMP may be modified by the permittee at any time. Written notification of proposed SWMP modifications must be submitted to EPD at least 30 days prior to implementation of the modification. EPD reserves the right to disapprove the SWMP modification.

## PART 4. MONITORING AND REPORTING REQUIREMENTS

### 4.1 Annual Report

The permittee shall prepare an annual system-wide report covering the reporting period April 1 through March 31. The report shall be submitted by May 15<sup>th</sup> following the reporting period. EPD is preparing an electronic method of reporting (eReporting) and EPD will notify the permittee when the system is available for use. Upon notification, the permittee will be required to submit the annual report electronically. ~~The report must include a comprehensive summary of all the SWMP activities conducted during the reporting period.~~ The report shall be submitted using the form provided by EPD. The Phase I Medium Annual Report form is available on EPD's website at [www.epd.georgia.gov](http://www.epd.georgia.gov). All applicable information required to complete the annual report shall be filled out and the certification statement shall be signed prior to submittal. A summary of the annual report requirements is as follows:

- 4.1.1 The status of implementing the components of the SWMP that are established as permit conditions;
- 4.1.2 Proposed changes to the SWMP;
- 4.1.3 Revisions, if necessary, to the assessment of controls;
- 4.1.4 A summary of data, including monitoring data that was accumulated throughout the reporting period;
- 4.1.5 Annual expenditures for the reporting period and the annual fiscal analysis for the upcoming reporting period. The permittee must submit its budget, including the necessary capital and operation and maintenance expenditures associated with MS4 permit compliance, including the funding source as supporting documentation with its annual report;
- 4.1.6 A summary describing the number and nature of enforcement actions, inspections, and public education programs; and

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4.1.7 Identification of water quality improvements or degradation.

The permittee must conduct inspections on 100% of all MS4 structures and inventoried facilities within the 5-year permit term. In the final annual report prepared under this permit iteration, the permittee must demonstrate that they complied with this measurable goal. The permittee shall be responsible for the content of the report or the failure to provide information for the report relating to the MS4 for which it is the owner or operator. The permittee shall sign and certify the Annual Report as required under Part 5.10 of this permit.

4.2 Monitoring Procedures

- 4.2.1 The permittee must perform all monitoring described in the SWMP per Table 3.3.2, Table 3.3.3, and Table 3.3.7. The purpose of the monitoring is to identify potential sources of pollution, determine the best method to address water quality issues, and allow evaluation of the effectiveness of the SWMP. Implement additional monitoring if needed to identify pollution sources. If monitoring is being conducted for another reason (e.g. watershed assessment, watershed protection plan), then the data may be used to conduct the evaluation described above.
- 4.2.2 Monitoring must be conducted according to approved test procedures set forth in 40 CFR Part 136, unless other approved test procedures have been specified, excluding IDDE field screening procedures.
- 4.2.3 Parameters shall be analyzed to the detection limits specified by EPD. If a parameter is not detected at or above the detection limit, a value of "NOT DETECTED" will be reported for that sample and the detection limit will also be reported.
- 4.2.4 If the permittee monitors any parameter at the designated location(s) more frequently than required by this permit, the permittee shall analyze all samples using approved analytical methods specified in Part 4.2.2 of this permit. EPD may require more frequent monitoring or the monitoring of other parameters not specified in this permit or the SWMP by written notification to the permittee.
- 4.2.5 Laboratory and Analyst Accreditation. All monitoring data not prepared in situ shall be prepared by a laboratory accredited by the State of Georgia in accordance with EPD Rules for Commercial Environmental Laboratories 391-3-26, or, where the permittee does their own analysis with their own personnel, by a Laboratory Analyst certified in compliance with the Georgia State Board of Examiners for Certification of Water and Wastewater Treatment Plant Operators and Laboratory Analysts Act. In situ means that the sample is analyzed at the point of collection and has not been transported any distance.

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**4.3 Retention of Records**

4.3.1 The permittee shall retain copies of all reports required by this permit, all monitoring information and records of all other data required by or used to demonstrate compliance with this permit, including any additional monitoring performed which is not required by this permit, for a period of at least three years. After EPD's approval, the permittee will implement the latest revision of the SWMP, while retaining on file the previous version of the program for a period of at least three years. These periods may be modified by the Director by written notification at any time.

4.3.2 Records of monitoring information shall include:

- The date, exact place, time of sampling, or measurements;
- The individual(s) who performed the sampling or measurements;
- The date(s) analyses were performed;
- The individual(s) who performed the analyses;
- The analytical techniques or methods used; and
- The results of the analyses.

4.3.3 The permittee must submit its records to EPD upon written request. The permittee must make its records, including the SWMP, available to the public as required by open records requirements.

**PART 5. STANDARD PERMIT CONDITIONS**

**5.1 Duty to Comply**

5.1.1 The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and the State Act and is grounds for:

- Enforcement action;
- Permit termination, revocation and reissuance, or modification; or
- Denial of a permit renewal application.

5.1.2 The Clean Water Act and the State Act both provide that any person who falsifies or tampers with, or knowingly renders inaccurate any monitoring device or method required under this permit, or who makes any false statement, representation, or certification in any record submitted or required by this permit, including monitoring reports or reports of compliance or noncompliance, shall, if convicted, be punished by a fine or by imprisonment, or by both. Both Acts include procedures for imposing civil penalties for violations or for negligent or intentional failure or refusal to comply with any final or emergency order of the Director.

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5.1.3 If, for any reason, the permittee does not comply with, or will be unable to comply with any condition specified in this permit, the permittee shall provide EPD with an oral report within 24 hours from the time the permittee becomes aware of the circumstances, followed by a written report within five (5) days. The written submission shall contain:

- Description of the noncompliance and its cause;
- Exact dates and times of noncompliance or, if not corrected, the anticipated time the noncompliance is expected to continue; and
- Steps being taken to reduce, eliminate and prevent recurrence of the noncompliance.

5.1.4 The permittee shall give written notice to EPD at least ten (10) days before any planned changes in the permitted activity, which may result in noncompliance with permit requirements.

## 5.2 Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the permittee, in an enforcement action, that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

## 5.3 Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of the permit, the permittee must apply for and obtain a new permit.

## 5.4 Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

## 5.5 Proper Operation and Maintenance

The permittee shall at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances), owned or operated by the permittee to achieve compliance with the terms and conditions of this permit and with the requirements of the SWMP. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of adequate backup or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of this permit.

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**5.6 Permit Actions**

This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for permit modification, revocation, reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

**5.7 Property Rights**

The issuance of this permit does not convey any property rights of either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property, any invasion of personal rights, or any infringement of Federal, State, or local laws and regulations.

**5.8 Duty to Provide Information**

The permittee shall provide to EPD, within a reasonable time frame, any information which the Director may request to determine compliance with this permit. The permittee shall also provide EPD with any requested copies of records required by this permit.

**5.9 Inspection and Entry**

The permittee shall allow the Director, the Regional Administrator of USEPA, and their authorized representatives, agents, or employees, after presentation of credentials to:

- 5.9.1 Enter the permittee's premises where a regulated facility or activity is located or conducted, or where records are kept under the terms and conditions of this permit;
- 5.9.2 Have access to and copy at reasonable times, any records required under the terms and conditions of this permit;
- 5.9.3 Inspect at reasonable times any facilities, equipment, (including monitoring and control equipment) practices, or operations regulated or required under this permit; and
- 5.9.4 Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

**5.10 Signatory Requirements**

- 5.10.1 All information submitted to EPD or that this permit requires the permittee to maintain shall be signed by either a principal executive officer or ranking elected official, or by a duly authorized representative of that person. A person is a duly authorized representative only if:

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5.10.1(a) The authorization is made in writing by the official person described above and submitted to EPD.

5.10.1(b) The authorization specifies either an individual or a position having responsibility for the overall operation of the municipality's SWMP such as the position of manager, operator, superintendent, or position of equivalent responsibility.

5.10.1(c) If an authorization is no longer accurate because of a different individual or position having been authorized, then a new authorization must be submitted to EPD prior to or together with any report, information, or application signed by the authorized representative.

5.10.2 Any person signing documents under this section shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

#### 5.11 Other Information

If the permittee becomes aware of a failure to submit any relevant facts or of submission of incorrect information in the SWMP, Annual Report, or any report to EPD, the permittee shall promptly submit the relevant facts or information.

#### 5.12 Availability of Reports

Except for data determined by EPD to be confidential under Section 16 of the State Act or by the Regional Administrator of the USEPA under 40 CFR Part 2, all reports prepared according to the terms of this permit shall be available for public inspection at an office of EPD under the Georgia Open Records Act. All monitoring data, permit applications, permittees' names and addresses, and permits shall not be considered confidential.

#### 5.13 Severability

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The provisions of this permit are severable. If any permit provision or the application of any permit provision to any circumstance is held invalid, the provision does not affect other circumstances or the remainder of this permit.

**5.14 Contested Hearings**

Any person who is aggrieved or adversely affected by any action of the Director shall petition the Director for a hearing within thirty (30) days of notice of this action.

**5.15 Civil and Criminal Liability**

The permittee is liable for civil and criminal penalties for noncompliance with this permit and must comply with applicable State and Federal laws. The permit cannot be interpreted to relieve the permittee of this liability even if it has not been modified to incorporate new requirements.

**5.16 Transfer of Ownership**

This permit is not transferable to any person except after notice to the Director. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Clean Water Act.

**5.17 Previous Permits**

All previous State water quality permits issued to this permittee are hereby revoked by the issuance of this permit. The permit governs discharges from this MS4 under the NPDES.

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**Appendix A**

**Definitions**

**Annual Report** - the document submitted by the permittee on an annual basis summarizing the SWMP activities conducted during the previous reporting period, in accordance with Part 4.1 of this permit.

**Best Management Practice (BMP)** - both structural devices to store or treat storm-water runoff and non-structural programs or practices which are designed to prevent or reduce the pollution of the waters of the State of Georgia.

**Construction Activity** - the disturbance of soils associated with clearing, grading, excavating, filling of land, or other similar activities which may result in soil erosion.

**Construction General Permits (CGPs)** - the Georgia NPDES Permit for Stormwater Discharges Associated with Construction Activity Nos. GAR100001, GAR100002 and GAR100003, which identify the Manual for Erosion and Sediment Control in Georgia (Green Book) and stream buffer requirements.

**Clean Water Act (CWA)** - the Federal Clean Water Act (formerly known as the Federal Water Pollution Control Act or the Federal Water Pollution Control Act Amendments of 1972), as amended.

**Director** - the Director of the Environmental Protection Division of the Department of Natural Resources, State of Georgia.

**EPA or USEPA** - the United States Environmental Protection Agency.

**EPD** - the Environmental Protection Division of the Department of Natural Resources, State of Georgia.

**Green Infrastructure/Low Impact Development (GI/LID)** – management approaches, such as better site design or conservation design, or systems and practices that use or mimic natural processes to reduce runoff and pollutant loading, that result in infiltration, evapotranspiration, or the harvesting and use of stormwater, or any of the stormwater best management practices described in the Georgia Stormwater Management Manual, Volume 2, or an equivalent local design manual.

**Highly Visible Pollutant Source (HVPS)** - a land use or activity that produces higher than normally found levels of pollutants in stormwater runoff. These facilities may include, but are not limited to, gasoline stations, auto repair shops, commercial car washes, home improvement stores, nurseries, kennels, veterinarian offices, etc. These facilities may also include industries that are not required to be covered under the IGP.

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**Illicit Connection** - any man-made conveyance connecting a non-stormwater discharge directly to an MS4.

**Illicit Discharge** - any direct or indirect non-stormwater discharge to the separate storm sewer system, including but not limited to, sewage, process wastewater, and washwater. The discharge may be continuous or intermittent in occurrence.

**Industrial Activity** - the activities related to manufacturing, processing, or raw materials storage areas of an industrial plant.

**Industrial Facility** - a facility that is eligible to be permitted under the IGP because it ~~has~~engages in an industrial activity.

**Industrial Storm~~w~~-Water General Permit (IGP)** - the Georgia NPDES Permit(s) for Storm~~w~~Water Discharges Associated with Industrial Activity.

**Linear Transportation Projects** - construction projects on traveled ways including but not limited to roads, sidewalks, multi-use paths and trails, and airport runways and taxiways.

**Maximum Extent Practicable (MEP)** - the controls necessary for the reduction of pollutants discharged from an MS4. These controls may consist of a combination of BMPs, control techniques, system design and engineering methods, and such other provisions for the reduction of pollutants discharged from a MS4 as described in the SWMP.

**Municipal Separate Storm Sewer System (MS4)** - a conveyance or system of conveyances including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels or storm drains, owned or operated by a municipality or other public body, designed or used for collecting or conveying storm-water runoff and is not a combined sewer or part of a Publicly Owned Treatment Works.

**National Pollutant Discharge Elimination System (NPDES)** - the program for issuing, modifying, revoking and reissuing, terminating, monitoring and enforcing permits under the CWA.

**New Development** – land disturbing activities, structural development (construction, installation, or expansion of a building or other structure), and/or creation of impervious surfaces on a previously undeveloped site.

**Operator** - the entity that has the primary day-to-day operational control of the activities necessary to ensure compliance with the SWMP requirements and the MS4 permit conditions.

**Outfall** - the most downstream point (i.e., final discharge point) on an MS4 where it discharges to the receiving waters of the State.

**Owner** - the legal title holder to the real property on which is located the facility or site where an SWMP activity takes place.

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**Point Source** - any discernible, confined and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged into the waters of the State of Georgia. This term does not include return flows from irrigated agriculture or agricultural storm-water runoff.

**Pollutant** - dredged spoil, solid waste, incinerator residue, filter backwash, sewage, garbage, sewage sludge, munitions, chemical wastes, biological materials, radioactive materials (except those regulated under the Atomic Energy Act of 1954, as amended), heat, wrecked or discarded equipment, rock, sand, cellar dirt and industrial, municipal and agricultural waste discharged into water.

**POTW** - Publicly Owned Treatment Works

**Redevelopment** – the structural development (construction, installation, or expansion of a building or other structure), creation or addition of impervious surfaces, replacement of impervious surface not part of routine maintenance, and land disturbing activities associated with structural or impervious development on a previously developed site. Redevelopment does not include such activities as exterior remodeling.

**State Act** - the Georgia Water Quality Control Act, as amended.

**State Rules** or **Rules** - the Georgia Rules and Regulations for Water Quality Control.

**Storm-~~W~~water** - storm-water runoff, snowmelt runoff, and surface runoff and drainage.

**SWMP** or **Program** - the Storm~~w~~-~~W~~ater Management Program required to be developed and implemented under the terms and conditions of this permit and refers to a comprehensive program to manage the quality of storm-water discharged from a MS4.

**Waters of the State** - any and all rivers, streams, creeks, branches, lakes, reservoirs, ponds, drainage systems, springs, wells, wetlands, and all other bodies of surface or subsurface water, natural or artificial, lying within or forming a part of the boundaries of the State which are not entirely confined and retained completely upon the property of a single individual, partnership, or corporation.

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**Appendix B**  
**Phase I Medium MS4s by Population**

**Population less than 10,000:**

Bloomingtondale  
Garden City  
Port Wentworth  
Thunderbolt  
Tybee Island

**Population greater than 10,000:**

Augusta  
Chatham County  
Columbus  
Forsyth County  
Macon-Bibb County  
Pooler  
Savannah

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